

**SECTION 604
MANHOLES,
COMBINATION MANHOLES
AND INLETS, AND INLETS**

604.01 DESCRIPTION. This work is constructing manholes, combination manholes and inlets, and inlets.

604.02 MATERIALS.

604.02.1 General. Furnish materials and precast structures meeting the Contract requirements.

604.02.2 Concrete. Furnish Class "DD" concrete or equivalent meeting Section 551 requirements, except that precast concrete manhole riser sections must have a minimum 4000 psi (27.6 MPa) 28-day compressive strength.

604.02.3 Reinforcing Steel. Furnish reinforcing steel meeting Subsection 711.01 requirements.

604.03 CONSTRUCTION REQUIREMENTS.

604.03.1 General. Construct and install the structures as specified in the Contract.

604.03.2 Excavation. The Project Manager will establish the lines and grades for structure excavation.

Compact foundations meeting Subsection 203.03.3 to provide full bearing for the structures.

604.03.3 Backfill. Uniformly place backfill around structures in maximum 6-inch (155 mm) deep loose layers, and compact meeting Subsection 203.03.3.

Maintain the established structure lines and grades while backfilling.

604.04 METHOD OF MEASUREMENT. Manholes, combination manholes and inlets, and inlets are measured by the unit for each specified type, complete in place.

Excavation and backfill is incidental to and included in payment for the structures.

604.05 BASIS OF PAYMENT. Payment for the completed and accepted quantities is made under the following:

<u>Pay Item</u>	<u>Pay Unit</u>
Manhole, Manhole and inlet, and inlets	Each

Payment at the contract unit price is full compensation for all resources necessary to complete the item of work under the Contract.